High Standards. Higher Performance. Highest Temperatures.

Huyglas® from Filtration Specialties Inc Fact Sheet

What are the applications where **Huyglas**® has been used successfully?

Product collectors:	carbon black, cement clinker and TiO_2
Kilns:	lime, kaolin and asphalt
Smelters:	lead and tin
Incinerators:	medical, municipal and chemical
Industrial boilers:	Coal-fired, fluidized bed, multi-fuel and wood fired

What baghouse conditions make **Huyglas**® an appropriate choice of media?

High Differential Pressure	**Huyglas**® is less prone to blinding than woven glass or other felts due both to its structure and its release treatments. **Huyglas**® has a low operating differential pressure.
High Temperature	Pulsejet baghouses with operating temperatures between 325-525°F (163-274°C)*. **Huyglas**® can handle temperature excursions up to 600°F (316°C) that will damage glass/membrane media.
High emissions	The glass fiber in the felted surface of **Huyglas**® is finer than the synthetic fibers used in other high-temperature felts and has a better filtration structure than woven glass. The result is very low emissions.
Chemical attack	The treatments applied to **Huyglas**® resist both chemical attack and abrasion conditions that could damage synthetic felts or woven glass.
Difficult particulate	**Huyglas**® will tolerate sticky or fine particulate.

Which Huyglas reference is best for my filtration application?

1607	27 osy 915 g/m^2	Highest efficiency	Recommended for product collection, such as carbon black, with high particulate loading and very high filtration efficiency requirements. Will tolerate liquid hydrocarbon carryover.
1701	16 osy 540 g/m^2	High efficiency	Recommended in particulate removal applications where high efficiency is required, but inlet particulate loading, aircloth ratio and particulate characteristics will not require rigorous cleaning.
1405	22 osy 750 g/m^2	High efficiency	Recommended in emissions control applications with rigorous cleaning cycles, particularly where membrane bags have burned. Its construction is also suitable for use in shake/deflate collectors.
1105	19 osy 645 g/m^2	High efficiency	Recommended for emissions control as an increased flow and efficiency alternative to woven glass, Nomex® and Ryton®. Less expensive than P84® or glass / membrane.

Standard width is 63" (160 cm), 48-72" (122-183 cm) are available.
Standard roll length is 100 linear yards (90 meters).

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